

**CUSTOMER CONTRACT REQUIREMENTS  
CRYOGENIC TEST BED  
CUSTOMER CONTRACT NNM071939179**

CUSTOMER CONTRACT REQUIREMENTS

The following customer contract requirements apply to this contract to the extent indicated below. If this contract is for the procurement of commercial items under a Government prime contract, as defined in FAR Part 2.101, see Section 3 below.

**1. FAR Clauses.** The following contract clauses are incorporated by reference from the Federal Acquisition Regulation and apply to the extent indicated. In all of the following clauses, "Contractor" and "Offeror" mean Seller.

**52.203-7 Anti-Kickback Procedures (excluding subparagraph (c)(1))** (Jul 1995). Buyer may withhold from sums owed Seller the amount of any kickback paid by Seller or its subcontractors at any tier if (a) the Contracting Officer so directs, or (b) the Contracting Officer has offset the amount of such kickback against money owed Buyer under the prime contract. This clause applies only if this contract exceeds \$100,000.

**52.203-8 Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity** (Jan 1997). This clause applies to this contract if the Seller, its employees, officers, directors or agents participated personally and substantially in any part of the preparation of a proposal for this contract. The Seller shall indemnify Buyer for any and all losses suffered by the Buyer due to violations of the Act (as set forth in this clause) by Seller or its subcontractors at any tier.

**52.203-10 Price or Fee Adjustment for Illegal or Improper Activity** (Jan 1997). This clause applies only if this contract exceeds \$100,000. If the Government reduces Buyer's price or fee for violations of the Act by Seller or its subcontractors at any tier, Buyer may withhold from sums owed Seller the amount of the reduction.

**52.203-12 Limitation on Payments to Influence Certain Federal Transactions** (Sep 2005). This clause applies only if this Contract exceeds \$100,000. Paragraph (c)(4) is modified to read as follows: "(c)(4) Seller will promptly submit any disclosure required (with written notice to Boeing) directly to the PCO for the prime contract. Boeing will identify the cognizant Government PCO at Seller's request. Each subcontractor certification will be retained in the subcontract file of the awarding contractor.

**52.204-9 Personal Identity Verification of Contractor Personnel** (Nov 2006).

**52.211-15 Defense Priority and Allocation Requirements** (Sep 1990). This clause is applicable if a priority rating is noted in this contract.

**52.215-2 Audit and Records - Negotiation** (Jun 1999). This clause applies only if this contract exceeds \$100,000 and (i) is cost-reimbursement, incentive, time-and-materials, labor-hour, or price-redeterminable type or any combination of these types: (ii) Seller was required to provide cost or pricing data, or (iii) Seller is required to furnish reports as discussed in paragraph (e) of the referenced clause.

**52.215-10 Price Reduction For Defective Cost or Pricing Data** (Oct 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 and is not otherwise exempt. In subparagraph (3) of paragraph (a), insert "of this contract" after "price or cost." In Paragraph (c), "Contracting Officer" shall mean "Contracting Officer or Buyer." In Paragraphs (c)(1), (c)(1)(ii), and (c)(2)(i), "Contracting Officer" shall mean "Contracting Officer or Buyer." In Subparagraph (c)(2)(i)(A), delete "to the Contracting Officer." In Subparagraph (c)(2)(ii)(B), "Government" shall mean "Government or Buyer." In Paragraph (d), "United States" shall mean "United States or Buyer." .

**52.215-11 Price Reduction For Defective Cost or Pricing Data - Modifications** (Oct 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 and is not otherwise exempt. "Contracting Officer" shall mean "Contracting Officer or Buyer." In subparagraph (d)(2)(i)(A), delete "to the Contracting Officer." In subparagraph (d)(2)(ii)(B), "Government" means "Government" or "Buyer." In Paragraph (e), "United States" shall mean "United States or Buyer." .

**52.215-12 Subcontractor Cost or Pricing Data** (Oct 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 and is not otherwise exempt. The certificate required by paragraph (b) of the referenced clause shall be modified as follows: delete "to the Contracting Officer or the Contracting Officer's representative" and substitute in lieu thereof "The Boeing Company or any of its wholly owned subsidiaries." .

**52.215-13 Subcontractor Cost or Pricing Data - Modifications** (Oct 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4 and is not otherwise exempt. The certificate required by paragraph (c) of the referenced clause shall be modified as follows: delete "to the Contracting Officer or the Contracting Officer's representative" and substitute in lieu thereof "to The Boeing Company or The Boeing Company's representative (including data submitted, when applicable, to an authorized representative of the U.S. Government)." .

**52.215-14 Integrity of Unit Prices (excluding subparagraph (b))** (Oct 1997). This clause applies except for contracts at or below \$100,000; construction or architect-engineer services under FAR Part 36; utility services under FAR Part 41; services where supplies are not required; commercial items; and petroleum products.

**52.215-15 Pension Adjustments and Asset Reversions** (Oct 2004). This Clause applies to this contract if it meets the requirements of FAR 15.408(g).

**52.215-18 Reversion or Adjustment of Plans for Postretirement Benefits Other Than Pensions (PRB)** (Jul 2005). This Clause applies to this contract if it meets the requirements of FAR 15.408(j).

**52.215-21 Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data - Modifications** (Oct 1997). This clause applies only if this contract exceeds the threshold set forth in FAR 15.403-4. The term "Contracting Officer" shall mean Buyer.

**52.219-8 Utilization of Small Business Concerns** (May 2004).

**52.219-9 Small Business Subcontracting Plan** (Sep 2007). In paragraph (c), "Contracting Officer" shall mean Buyer. This clause applies only if this contract exceeds \$550,000 and Seller is not a small business concern.

**52.222-1 Notice to Government of Labor Disputes** (Feb 1997). Contracting Officer shall mean Buyer.

**52.222-4 Contract Work Hours and Safety Standards Act - Overtime Compensation** (Jul 2005). Buyer may withhold or recover from Seller the amount of any sums the Contracting Officer withholds or recovers from Buyer because of liabilities of Seller or its subcontractors under this clause.

**52.222-21 Prohibition of Segregated Facilities** (Feb 1999).

**52.222-26 Equal Opportunity** (Mar 2007).

**52.222-35 Equal Opportunity for Special Disabled, Veterans of the Vietnam Era, and Other Eligible Veterans** (Sep 2006). This clause applies only if this contract exceeds \$25,000.

**52.222-36 Affirmative Action for Workers With Disabilities** (Jun 1998). This clause applies only if this contract exceeds \$ 10,000.

**52.222-37 Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans** (Sep 2006). This clause applies only if this contract exceeds \$25,000.

**52.222-39 Notification of Employee Rights Concerning Payment of Union Dues or Fees** (Dec 2004). This clause applies only if this contract exceeds \$100,000.

**52.223-13 Certification of Toxic Chemical Release Reporting** (Aug 2003). Except for commercial items as defined in FAR Part 2, this clause applies to competitive procurements expected to exceed \$100,000 (including all options). If Seller is not subject to the Form R filing and reporting requirements, Seller shall inform Buyer which exemption or exemptions in subparagraph (b)(2) of this clause apply.

**52.223-14 Toxic Chemical Release Reporting (excluding subparagraph (e))** (Aug 2003). This clause applies only if this contract is not for commercial items as defined in FAR Part 2, was competitively awarded, and exceeds \$100,000 (including all options).

**52.225-13 Restrictions on Certain Foreign Purchases** (Feb 2006).

**52.227-1 Authorization and Consent** (Jul 1995).

**52.227-1 Authorization and Consent (JUL 1995) - Alternate I** (APR 1984)

**52.227-11 Patent Rights - Retention by the Contractor (Short Form)** (Jun 1997). This clause only applies if this Contract is for experimental, developmental, or research work and Seller is a small business firm or nonprofit organization.

**52.227-12 Patent Rights - Retention by the Contractor (Long Form)** (Jan 1997). This clause only applies if this Contract is for experimental, developmental, or research work and Seller is other than a small business firm or nonprofit organization.

**52.227-14 Rights in Data - General** (Jun 1987). This clause applies only if data will be produced, furnished or acquired under this contract.

**52.230-6 Administration of Cost Accounting Standards** (Apr 2005). Add "Buyer and the" before "CFAO" in paragraph (m). This provision applies if Clause H001, H002 or H004 is included in Buyer's contract.

**52.237-2 Protection of Government Buildings, Equipment, and Vegetation** (Apr 1984). This clause applies only if work will be performed on a Government installation. "Contracting Officer" shall mean Buyer.

**52.244-5 Competition in Subcontracting** (Dec 1996).

**52.244-6 Subcontracts for Commercial Items** (Mar 2007).

**2. NASA FAR Supplement Clauses.** NASA Contracts. The following contract clauses are incorporated by reference from the National Aeronautics and Space Administration Federal Acquisition Regulation Supplement and apply to the extent indicated. In all of the following clauses, \"Contractor\" means Seller.

**18-52.219-74 Use of Rural Area Small Businesses** (Sep 1990). This clause applies only if this contract offers subcontracting possibilities.

**18-52.219-75 Small Business Subcontracting Reporting** (May 1999). This clause applies if FAR 52.219-9 is included in this contract.

**18-52.219-76 NASA 8 Percent Goal** (Jul 1997). This clause applies only if Seller is not a small business.

**18-52.223-70 Safety and Health** (Apr 2002). This clause applies only if this contract exceeds \$1,000,000 or construction, repairs or alteration in excess of \$100,000, or it involve the use of hazardous materials or operations.

**18-52.227-14 Rights in Data - General** This clause applies only if data will be produced, furnished or acquired under this contract except contracts for basic or applied research with universities or colleges.

**18-52.227-70 New Technology** (Dec 2006). This clause only applies if this Contract is for experimental, developmental, or research work and Seller is other than a small business firm or nonprofit organization.

**18-52.227-72 Designation of New Technology Representative** (Jul 1997). The new technology representative (if any) will be designated in this contract. This is applicable to this contract if it includes a "New Technology" clause or a " Patents Rights - Retention by the Contract (Short Form)" clause.

**18-52.242-73 NASA Contractor Financial Management Reporting** (Nov 2004). This clause applies only if this contract is a cost-type, price redetermination or FPI contract. "Contracting Officer" shall mean Buyer's Authorized Procurement Representative.

**3. Commercial Items.** If goods or services being procured under this contract are commercial items and Clause H203 is set forth in the purchase order, the foregoing Government clauses in Sections 1 and 2 above are deleted and the following FAR/DFARS clauses are inserted in lieu thereof:

**52.219-8 Utilization of Small Business Concerns** (May 2004).

This clause applies only if the supplies are of a type described in paragraph (b)(2) of this clause. In paragraph (d), "45 days" is changed to "60 days." In paragraph (g) "Government" means Buyer. If this contract is at or below \$100,000, paragraphs (f) and (g) are excluded.

**52.222-26 Equal Opportunity** (Mar 2007).

**52.222-35 Equal Opportunity for Special Disabled, Veterans of the Vietnam Era, and Other Eligible Veterans** (Sep 2006). This clause applies only if this contract exceeds \$25,000.

**52.222-36 Affirmative Action for Handicapped Workers** (Jun 1998). This clause applies only if this contract exceeds \$10,000.

**52.222-39 Notification of Employee Rights Concerning Payment of Union Dues or Fees** (Dec 2004). This clause applies only if this contract exceeds \$100,000.

**4. The following prime contract special provisions apply to this purchase order:**

**A. EXPORT CONTROLLED DATA RESTRICTIONS**

(1) For the purpose of this clause,

(A) Foreign person is any person who is not a citizen of the or lawfully admitted to the for permanent residence under the Immigration and Nationality Act, and includes foreign corporations, foreign organizations, and foreign governments;

(B) Foreign representative is anyone, regardless of nationality or citizenship, acting as an agent, representative, official, or employee of a foreign government, a foreign-owned or influenced firm, corporation, or person; and

(C) Foreign sources are those sources (vendors, subcontractors, and suppliers) owned and controlled by a foreign person.

(2) Seller shall place a clause in subcontracts containing appropriate export control restrictions, set forth in this clause.

(3) Nothing in this clause waives any requirement imposed by any other U.S. Government agency with respect to employment of foreign nationals or export-controlled data and information.

(4) Equipment and technical data generated or delivered in the performance of this contract are controlled by the International Traffic in Arms Regulation (ITAR), 22 CFR Sections 121 through 128. An export license is required before assigning any foreign source to perform work under this contract or before granting access to foreign persons to any equipment and technical data generated or delivered during performance (see 22 CFR Section 125). Seller shall notify Buyer and obtain the written approval of Buyer prior to assigning or granting access to any work, equipment, or technical data generated or delivered in the performance of this contract to foreign persons or their representatives. This notification shall include the name and country of origin of the foreign person or representative, the specific work, equipment, or data to which the person will have access, and whether the foreign person is cleared to have access to technical data (DoD 5220.22-M, National Industrial Security Program Operating Manual (NISPOM)).

**B. NOTIFICATION OF DEBARMENT/SUSPENSION STATUS**

Seller shall provide immediate notice to Buyer in the event of being debarred suspended, or proposed for debarment by any Federal Agency during the performance of this contract.